IN THE CLAIMS:

1.   (Original) A multi-level position/range designating method for a multimedia stream comprising:

     (a) displaying an entire range of a multimedia stream; and

     (b) setting a range designated by a user from the displayed entire range of the multimedia stream as an absolute range of the multimedia stream and displaying the absolute range of the multimedia stream as the entire range of the multimedia stream, if a range is designated by the user.

2.   (Original) A method of claim 1, further comprising:

     displaying a starting frame of the range designated by the user; and

     displaying an ending frame of the range designated by the user.

3.   (Original) A method of claim 1, wherein in (a), displaying the entire range of the multiple stream in a first level of a multiple level display of the multimedia stream; and in (b), displaying the absolute range of the multimedia stream in a second level of the multiple level display.

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4.   (Original) A method of claim 3, wherein (a) further comprises:

displaying a starting frame of a designated range if a range is designated by the user; and

displaying an ending frame of said designated range.

5.   (Original) A method of claim 3, further comprising repeating (b) and displaying each absolute range of the multimedia stream in a different level of the multiple level display.

6.   (Original) A method of claim 5, wherein (b) further comprises:

displaying a starting frame of a range designated from each absolute range of the multimedia in each corresponding level of the multiple level display, if a range is designated by the user from an absolute range of the multimedia; and

displaying an ending frame of said range designated from each absolute range of the multimedia in each corresponding level of the multiple level display.

7.   (Original) A method of claim 6, further comprising manipulating a slider bar to view each level of the multiple level display.

8.   (Original) A method of claim 5, further comprising manipulating a slider bar to view each level of the multiple level display.

9. (Currently Amended)   A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first level of a multiple level display including an entire range of a multimedia stream represented by a first slider bar;

(b) setting a range designated by a user from <u>within</u> a range of the multimedia stream displayed in a previous level of the multiple level display as an absolute range of the multimedia stream, and displaying a kth level of the multiple level display including the absolute range of the multimedia stream represented by a kth slider bar, if a range is designated by the user from the previous level; and

(c) repeating (b).

10.   (Original) A method of claim 9, further comprising:

displaying, for each level, a starting frame of a designated range if a range is designated by the user; and

displaying, for each level, an ending frame of said designated range.

11.   (Original) A method of claim 10, further comprising manipulating a window slider bar to view each kth level of the multiple level display.

12.   (Original) A method of claim 9, further comprising manipulating a window slider

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bar to view each of the kth level of the multiple level display.

13.   (Original) A method of claim 12, wherein the first slider bar and each of the kth slider bar has the same length.

14.   (Original) A multi-level position/range designating method for a multimedia stream comprising:

(a) displaying a first level of a multiple level display including an entire range of the multimedia stream in a first window; and

(b) displaying subsequent levels of the multiple level display including varying ranges of the multimedia stream in a second window.

15.   (Original) A method of claim 14, further comprising:

displaying, for each level, a starting frame of a designated range if a range is designated by the user; and

displaying, for each level, an ending frame of said designated range.

16.   (Original) A method of claim 15, further comprising manipulating a window slider bar in the second window to view each nth level of the multiple level display.

17.   (Original) A method of claim 14, further comprising manipulating a window slider bar in the second window to view each nth level of the multiple level display.

18.   (Original) A method of claim 17, wherein the window slider bar is positioned at the right side of the second window.

19.   (New) A method of claim 18, wherein the window slider bar is positioned at another location of the second window.

20.   (New) A method of claim 1, wherein in (b) the designated range is a continuous subset of the displayed entire range of the multimedia stream in (a).

21.   (New) The method of claim 14, wherein all levels are displayed in the same absolute range, and wherein each subsequent level represents a continuous subset of data from the multimedia stream of a previous level.

22.   (New) A multi-level position/range designating method for a multimedia stream comprising a multiple level representation of a multimedia stream, wherein each level displays a more detailed but shorter range of the multimedia stream to achieve a refined range

designation using more detailed views and a continuous subset of data from a previous level of

the multimedia stream, and wherein said each level is displayed with the same absolute range.

23.   (New) The method of claim 22, wherein an expansion ratio between levels of the

multiple level representation is different and user selected.

24.   (New) A multi-level position/range designating method for a multimedia

stream comprising:

(a) displaying a first range of a multimedia stream in a prescribed range of a

display;

(b) selecting a second reduced range from within the first range of the multimedia

stream displayed in the prescribed range; and

(c) displaying the selected second reduced range of the multimedia stream as the

prescribed range.

25.   (New) The method of claim 24, wherein the second reduced range is a

continuous subset of data from the multimedia stream of the first range, and wherein the first

and second ranges are displayed in first and second levels of a multiple-level display.